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Lake's

SHENANDOAH NURSERIES

Shenandoah, Iowa

**"LAST CHANCE"
SURPLUS
BULLETIN**

WITH GRADE COUNTS



April 25, 1950

ORDER TODAY

LONG DISTANCE PHONES

406 - 407

**A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK
FOR OVER 75 YEARS**

TERMS AND CONDITIONS OF SALE

Terms—1% discount for cash if paid on or before 10th of month following date of invoice and is due **NET 30 days thereafter.**

Cash security, or satisfactory reference is required from unknown parties. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—Apply upon the following quantities: Fruit Trees, Shade Trees, Shrubs, Roses, Vines, **PERENNIALS** (including **PEONIES** and **LILIES**).

300 or more take 1000 rates where published.

30 to 300 take 100 rates.

Under 30 take 10 rates.

All grades and varieties in any one class are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGINGS, PRIVET and ALL SEEDLINGS

300 of same variety and grade take 1000 rates.

Under 300 of same variety and grade take 100 rates.

EVERGREENS, BALLED and BURLAPPED

30 trees (any assortment) take 100 rates.

Under 30 trees (any assortment) take 10 rates.

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) take 1000 rates.

Under 300 bulbs take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for ten of a kind and size, and beyond that for multiples of ten. Orders for broken lots cannot be accepted.

SUBJECT NOTICE—The prices named in this list cancel all previous lists and are **SUBJECT TO CHANGE WITHOUT NOTICE.** All sales and contracts are made subject to crop losses or other causes over which we have no control.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility. All shipments travel at risk and expense of purchaser.

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but, in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged at actual cost of material and labor used.

CLAIMS—FOR ANY CAUSE MUST BE MADE PROMPTLY UPON RECEIPT OF GOODS. WE WILL NOT ENTERTAIN CLAIMS AFTER GOODS HAVE BEEN ONCE ACCEPTED, OR WHEN REPORT IS NOT MADE IN WRITING WITHIN TEN DAYS AFTER ARRIVAL OF STOCK.

GUARANTEE—WE GIVE NO WARRANTY, EXPRESSED OR IMPLIED, AS TO LIFE, DESCRIPTION, QUALITY, PRODUCTIVENESS, OR ANY OTHER MATTER OF ANY NURSERY STOCK, SEEDS OR PLANTS THAT WE SELL. IT IS MUTUALLY AGREED THAT OUR TOTAL LIABILITY FOR ANY ERRORS, SHOULD STOCK PROVE UNTRUE TO NAME AS LABELED, SHALL BE LIMITED UPON SATISFACTORY PROOF, TO OUR REPLACING FREE OR REFUNDING PURCHASE PRICE.

THE SHENANDOAH NURSERIES

D. S. LAKE, President

K. D. HOLMES, Vice-Pres.

R. S. MULLISON, Vice-Pres.

A. D. HUNT, Treas.

Please note that caliper shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 22 per bundle.

APPLE and CRAB

WRITE FOR SPECIAL PRICES ON QUANTITY LOTS

								Per 10	Per 100	Per 1000	
Standard First Class, 4½ ft. and up, 11/16 to 7/8 in.								\$ 4 50	\$40 00	\$350 00	
"	"	"	4	"	"	"	9/16 to 11/16 in.	4 00	35 00	300 00	
"	"	"	3	"	"	"	7/16 to 9/16 in.	2 90	25 00	-----	
"	"	"	2	"	"	"	5/16 to 7/16 in.	2 40	20 00	-----	
								11/16-7/8"	9/16-11/16"	7/16-9/16"	5/16-7/16"
Anoka	-----						1000	600	-----	-----	
Baldwin	-----						150	50	-----	100	
Banana	-----						500	280	130	50	
Beacon	-----						550	450	200	100	
Blackben	-----						540	150	50	60	
Cortland	-----								100	-----	
Delicious Dark Red	-----						500		-----	-----	
Delicious Yellow	-----						6000	1350		500	
Duchess	-----							550	300	300	
Duchess Dark Red	-----							800	500	40	
Early Harvest	-----							100	120	120	
Fameuse	-----						780	540	250	100	
Fireside	-----						1300	200	-----	-----	
Florence	-----						10	90	70	30	
Gallia Beauty	-----						170	120	70	50	
Grimes Golden	-----						2600	500	-----	-----	
Haralson	-----							340	320	-----	
Hibernal	-----								350	150	
Ingram	-----						950	630	250	120	
Joan	-----						120	60	30	20	
Jonathan Dark Red	-----						1560	1500	400	400	
Liveland	-----						200	130	90	65	
McIntosh	-----						550	500	150	-----	
McIntosh Early	-----						1300	650	320	50	
Milton	-----						450	300	150	80	
Macoun	-----						100	170	100	50	
Maiden Blush	-----						250	140	-----	-----	
Melba	-----						400	250	150	100	
Minn. No. 638	-----							190	40	30	
Minn. No. 790	-----						750	280	100	80	
Minjon	-----						1100	500	110	-----	
Northern Spy Red	-----							700	100	140	
N. W. Greening	-----						1300	250	100	-----	
Prairie Spy	-----						1200	850	250	300	
Red Astrachan	-----						180	200	140	80	
Red June	-----							400	120	100	
R. I. Greening	-----						200	60	-----	50	
Roman Stem	-----						120	50	40	10	
Rome Beauty Red	-----						1000	300	-----	-----	

APPLE and CRAB—(Continued)

	11/16-7/8"	9/16-11/16"	7/16-9/16"	5/16-7/16"
Sharon	860	280	160	100
Stayman Dark Red	200	300	200	80
Tolman Sweet	1100	400	150	140
Turley	200	600	400	120
Victory	1200	450	100	50
Virginia	1100	300	150	220
Wealthy	400	700	100	----
Whitney	2100	2900	1600	1400
Winesap Dark Red	400	500	120	150

APPLE—One Year, Mostly Whips

	Per 10	Per 100	Per 1000
4 to 5 ft.	\$ 3 20	\$ 28 00	\$250 00
3 to 4 ft.	2 50	22 50	200 00
2 to 3 ft.	2 10	18 00	150 00
	4/5'	3/4'	2/3'
Baldwin	160	320	100
Cortland	-----	-----	90
Duchess	-----	300	300
Jonathan Dark Red	-----	250	650
Stayman Dark Red	50	-----	50

CHERRY—Sour, Two Year

(On Mahaleb)

WRITE FOR SPECIAL PRICES ON QUANTITY LOTS

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 in. and up	\$ 8 50	\$80 00	\$750 00
3½ " " " 9/16 to 11/16 in.	7 50	70 00	650 00
3 " " " 7/16 to 9/16 in.	6 50	60 00	-----
2 " " " 5/16 to 7/16 in.	5 00	45 00	-----
5 " " " 1 in. and up (Extra Heavy)	10 00	90 00	850 00

	1" & up	11/16"	9/16-11/16"	7/16-9/16"	5/16-7/16"
Early Richmond	2100	1200	1600	700	180
English Morello	-----	540	650	300	100
Montmorency	1200	800	2300	1500	100
Wragg	-----	1500	850	400	140

CHERRY—Sour, One Year

(On Mahaleb)

WRITE FOR SPECIAL PRICES ON QUANTITY LOTS

	Per 10	Per 100	Per 1000
3½ ft. and up, 11/16 in. and up	\$ 8 50	\$80 00	\$750 00
3 " " " 9/16 to 11/16 in.	7 50	70 00	650 00
2½ " " " 7/16 to 9/16 in.	6 50	60 00	-----
2 " " " 5/16 to 7/16 in.	5 00	45 00	-----

	11/16-1"	9/16-11/16"	7/16-9/16"	5/16-7/16"
Early Richmond	750	100	200	100
English Morello	90	560	1360	500
Montmorency	-----	700	-----	300
Early Richmond (On Mazzard)	250	220	320	120

CHERRY—Sweet, One Year

(On Mahaleb)

		Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up, branched & whips	-----	\$11 00	\$100 00	\$900 00
4 " " " 9/16 to 11/16 in. " " "	-----	9 00	85 00	800 00
3 " " " 7/16 to 9/16 in. " " "	-----	7 50	70 00	650 00
2 " " " 5/16 to 7/16 in., mostly whips	-----	6 00	55 00	500 00

	11/16-1"	9/16-11/16"	7/16-9/16"	5/16-7/16"
Bing	150	-----	-----	225
Black Republican	-----	240	-----	-----
Black Tartarian	-----	220	-----	-----
Lambert	200	150	-----	-----
Napoleon	-----	190	180	-----
Yellow Glass	400	890	670	200

**BUDDED
NANKING CHERRY**

TOMENTOSA, Orient Cherry

An improved variety, producing an abundance of blooms. Self fertile, produces an abundance of fruit. Flesh of fruit is meaty, juicy with a pleasant subacid flavor. Excellent for eating fresh or for Jams and Jelly.

	Per 10	Per 100	Per 1000
280 5 to 6 ft.	\$10 00	\$90 00	\$850 00

HANSEN'S BUSH CHERRY

(Improved Besseyi)

The fruit is large, sweet, shaped like a plum. Very hardy and bears well in poor soil. Will bear fruit first year planted.

	Per 10	Per 100	Per 1000
100 18 to 24 in., transplants	\$ 2 40	\$20 00	\$-----
250 12 to 18 in., " "	1 80	15 00	-----

PEAR STANDARD**WRITE FOR SPECIAL PRICES ON QUANTITY LOTS**

	Per 10	Per 100	Per 1000
Two Year, 4 ft. and up, 9/16 to 11/16 in.	\$ 5 50	\$50 00	\$450 00
" " 3 " " 7/16 to 9/16 in.	4 00	35 00	-----
" " 2 " " 5/16 to 7/16 in.	3 00	25 00	-----

9/16-11/16" 7/16-9/16" 5/16-7/16"

Anjou	190	90	-----
Bantam	300	760	250
Bartlett	-----	500	700
Clapp's Favorite	120	40	-----
Douglas	100	200	-----
Duchess	200	40	-----
Flemish Beauty	200	600	150
Gorham	-----	40	130
Kieffer	420	100	40
Lincoln	390	100	-----
Mendel	600	300	-----
Parker	500	160	100
Patten	250	100	-----
Seckel	900	900	200

PEAR WHIPS

	Per 10	Per 100	Per 1000
One year, 4 to 5 ft., whips	\$ 4 50	\$40 00	\$-----
" " 3 to 4 ft., "	3 50	30 00	270 00
" " 2 to 3 ft., "	2 40	20 00	-----
	4/5'	3/4'	2/3'
Bartlett	200	500	-----
Douglas	220	420	220
Kieffer	-----	-----	250
Seckel	-----	50	20

PEACH—One Year

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 to 1 in.	\$ 5 00	\$45 00	\$400 00
4 " " " 9/16 to 11/16 in.	4 50	40 00	350 00
3 " " " 7/16 to 9/16 in.	3 20	28 00	-----
2 " " " 5/16 to 7/16 in.	2 10	18 00	-----
5 " " " 1 in. and up	5 50	50 00	-----
	1" & up	11/16-1"	9/16-11/16" 7/16-9/16" 5/16-7/16"
Belle of Georgia	80	120	----- 100
Champion	400	150	----- 200 130
Elberta	60	50	----- 1000
Golden Jubilee	-----	-----	70 150
Halberta	-----	-----	----- 50
Hale Haven	180	100	200 ----- 500
J. H. Hale	30	-----	50 ----- 500
Polly	-----	-----	200 50 -----
Red Haven	230	100	50 50 100
Rochester	160	100	90 ----- 200
South Haven	150	100	170 50 30
Valiant	-----	20	30 40 -----

APRICOT—One Year

(On Peach Roots)

	Per 10	Per 100	Per 1000
3 ft. and up, 7/16 to 9/16 in.	5 00	45 00	400 00
2 " " " 5/16 to 7/16 in.	4 00	35 00	300 00
		7/16-9/16" 5/16-7/16"	
Chinese	-----	240	500
Manchu	-----	900	1000
Scout	-----	200	850
Superb	-----	1200	1800

APRICOT—TREES

Grown from selected seed secured from bearing orchards.

	Per 10	Per 100	Per 1000
970 One Year, 11/16 in. and up, 4½ feet and up	\$ 5 00	\$45 00	\$400 00
1000 " " 9/16 to 11/16 in., 4 feet and up	4 00	35 00	300 00
1350 " " 7/16 to 9/16 in., 3 feet and up	2 90	25 00	220 00
600 " " 5/16 to 7/16 in., 2 feet and up	2 10	18 00	150 00

NECTARINES

	Per 10	Per 100	Per 1000
One Year, 4½ ft. and up, 11/16 to 1 in.	\$ 7 50	\$ 70 00	
" " 4 " " 9/16 to 11/16 in.	6 00	55 00	
" " 3 " " 7/16 to 9/16 in.	5 00	45 00	
" " 2 " " 5/16 to 7/16 in.	3 50	30 00	
	11/16-1"	9/16-11/16"	7/16-9/16" 5/16-7/16"
Hunter	180	150	250 140
Surecrop	190	150	230 200

PLUM—One and Two Year
EUROPEAN and JAPANESE
 (On Myrobolan)

WRITE FOR SPECIAL PRICES ON QUANTITY LOTS

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up.....	\$ 7 00	\$65 00	\$600 00
4 " " " 9/16 to 11/16 in.....	5 50	50 00	450 00
3 " " " 7/16 to 9/16 in.....	4 00	35 00	300 00
2 " " " 5/16 to 7/16 in.....	3 50	30 00	250 00

11/16-1" 9/16-11/16" 7/16-9/16" 5/16-7/16"

Abundance	-----	-----	20	50
Blue Damson	-----	-----	-----	60
Fellenburg	450	450	350	-----
German Prune	-----	200	60	-----
Green Gage	450	200	100	-----
Italian Prune	500	500	400	-----
Lombard	100	50	-----	-----
Red June	-----	100	-----	-----
Reine Claude	500	260	130	50
Stanley Prune	400	750	250	-----
Yellow Egg	150	180	260	90

PLUM—One Year
AMERICAN and HARDY HYBRIDS
 (On Peach Roots)

WRITE FOR SPECIAL PRICES ON QUANTITY LOTS

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 to 1 in.....	\$ 7 00	\$65 00	\$600 00
4 " " " 9/16 to 11/16 in.....	5 50	50 00	450 00
3 " " " 7/16 to 9/16 in.....	4 00	35 00	300 00
2 " " " 5/16 to 7/16 in.....	3 50	30 00	250 00

11/16" & up 9/16-11/16" 7/16-9/16" 5/16-7/16"

Ember	300	200	100	-----
Hanska	-----	30	500	530
Kahinta	390	700	620	100
Opata	-----	130	490	190

PLUM—One Year
AMERICAN and HARDY HYBRIDS
 (On Native Roots)

—WRITE FOR SPECIAL PRICES ON QUANTITY LOTS—

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 to 1 in.....	\$ 7 00	\$65 00	\$600 00
4 " " " 9/16 to 11/16 in.....	5 50	50 00	450 00
3 " " " 7/16 to 9/16 in.....	4 00	35 00	300 00
2 " " " 5/16 to 7/16 in.....	3 50	30 00	250 00

11/16-1" 9/16-11/16" 7/16-9/16" 5/16-7/16"

Compass	130	200	400	300
Ember	680	340	150	30
Hanska	70	400	400	130
Kaga	-----	100	100	50
Kahinta	900	1100	900	200
Oka	-----	60	260	600
Omaha	20	200	100	40
Opata	-----	300	190	230
Red Coat	270	130	30	-----
Sapa	-----	590	500	130
Superior	300	470	200	70
Terry	50	100	110	50
Toka	670	730	400	100
Underwood	200	550	260	30
Waneta	-----	380	240	40

GOOSEBERRIES

Tied 25 per Bundle.

		Per 100	Per 1000
200	Downing , pale green, 2 yr. No. 2 or 1 yr. No. 1	20 00	180 00
500	Houghton , dark red, 2 yr. No. 1	20 00	180 00

RASPBERRIES

Tied 25 per Bundle.

		Per 100	Per 1000
	Chief , a Latham seedling, finest early red; heavy producer.		
1500	No. 1 Suckers	\$ 5 60	\$ 50 00
	Cumberland , most widely planted black-cap Raspberry.		
1000	Tips	5 00	45 00
	Latham , a large, productive red variety, always in demand.		
5000	No. 1	5 60	50 00
	Morrison , a new blackcap, much larger than Cumberland. Vigorous, disease resistant.		
500	Tips	6 50	60 00
	Sodus , a new very large drought-resistant purple Raspberry; possibly most productive of all Raspberries.		
2000	No. 1 Tips	6 50	60 00

GRAPE VINES

Tied, 2 Yr. No. 1, 50; 2 Yr. No. 2, 100 per Bundle

		Per 100	Per 1000
600	Beta , black, 2 Yr. No. 1	\$ 14 00	\$125 00
700	" " 2 Yr. No. 2 or 1 Yr. No. 1	12 00	100 00
	Caco , red grape, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens first of September.		
150	2 Yr. No. 1	18 00	-----
300	2 Yr. No. 2 or 1 Yr. No. 1	14 00	-----
2000	Concord , black, 2 Yr. No. 1	12 00	100 00
1000	" " 2 Yr. No. 2 or 1 Yr. No. 1	8 00	75 00
300	Delaware , red, 2 Yr. No. 1	18 00	150 00
500	" " 2 Yr. No. 2 or 1 Yr. No. 1	14 00	120 00
	Fredonia , earliest black grape. Large clusters of berries with a juicy delicious flavor; vigorous and very hardy.		
200	2 Yr. No. 1	14 00	125 00
100	Moore's Early , black, 2 Yr. No. 1	16 00	140 00
1500	Niagara , white, 2 Yr. No. 2 or 1 Yr. No. 1	12 00	100 00

BLACKBERRIES

Tied 25 per Bundle

		Per 100	Per 1000
4000	Alfred , No. 1	\$ 5 00	\$ 45 00
7000	" No. 2	4 00	35 00
1300	Ancient Britton , No. 1	5 00	45 00
700	Blowers , No. 1	5 00	45 00
800	" No. 2	4 00	35 00
300	Eldorado , No. 1	5 00	45 00
400	" No. 2	4 00	35 00
700	Snyder , No. 1	5 00	45 00

MISCELLANEOUS

		Per 100	Per 1000
7000	Asparagus, Conover's Washington Palmetto, 1 Yr. No. 1	\$ 1 20	\$ 10 00
	Asparagus, Paradise, a tremendous grower, yielding two to three times as much as other varieties. Exceptionally large; fine flavor; rust-proof.		
5000	1 Yr. No. 1	1 20	10 00
4000	Boysenberry, Tip plants	5 50	50 00
2500	Dewberry, Lucretia, R. C. Plants, No. 1	4 50	40 00
5000	" " " " " 2	3 50	30 00
5000	Rhubarb, Victoria, Whole Roots 1 Yr. ½ to ⅝ in.	2 90	25 00
500	Rhubarb, Chipman Red, sweet and of excellent flavor; stems dark red throughout.	Per 10 4 50	Per 100 40 00

FOREST TREE SEEDLINGS

Our seedlings are all carefully graded, the crooked and poor seedlings being discarded. We are confident that our stock will please you.

ASH, GREEN (*Fraxinus pennsylvanica lanceolata*)

		Per 100	Per 1000
1700	12 to 18 in.	\$ 1 80	\$ 15 00
200	18 to 24 in.	2 50	22 00
1200	2 to 3 ft.	3 20	28 00
3500	3 to 4 ft.	4 50	40 00
1200	4 to 5 ft.	6 50	60 00
100	5 to 6 ft.	9 00	80 00

BOXELDER, (*Acer negundo*)

1300	6 to 12 in.	1 20	10 00
3300	12 to 18 in.	1 90	16 00
1000	18 to 24 in.	2 60	22 00

BUCKTHORN CATHARTICA, (*Rhamnus cathartica*)

2400	6 to 12 in.	3 00	25 00
1200	12 to 18 in.	4 00	35 00
400	2 to 3 ft., 2 year	7 50	65 00
100	3 to 4 ft., " "	9 00	80 00

CARAGANA arborescens (Siberian Pea tree)

1250	6 to 12 in.	2 10	18 00
1200	12 to 18 in.	3 20	28 00

CATALPA, Western

1200	6 to 12 in.	90	8 00
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ELM, American (*Ulmus americana*)

7700	6 to 12 in.	80	7 00
2000	12 to 18 in.	1 40	12 00
500	3 to 4 ft.	3 70	32 00

ELM, Chinese (*Ulmus pumila*)

3500	12 to 18 in.	1 70	14 00
11000	18 to 24 in.	2 40	20 00
25000	2 to 3 ft.	3 50	30 00
10000	3 to 4 ft.	5 00	45 00

FOREST TREE SEEDLINGS—(Continued)

		Per 100	Per 1000
LOCUST, Black (<i>Robinia pseudoacacia</i>)			
1500	2 to 3 ft.	\$ 2 90	\$ 25 00
1500	3 to 4 ft.	4 50	40 00
MAPLE, Silver (<i>Acer dasycarpum</i>)			
17000	6 to 12 in.	1 20	10 00
19000	12 to 18 in.	1 80	15 00
MULBERRY, Russian (<i>Morus tatarica</i>)			
3000	6 to 12 in.	1 20	10 00
600	3 to 4 ft.	5 60	50 00
OLIVE, Russian (<i>Elaeagnus angustifolia</i>)			
100	6 to 12 in.	2 10	18 00
2000	12 to 18 in.	3 20	28 00
300	18 to 24 in.	4 50	40 00
1400	2 to 3 ft.	6 50	60 00
WALNUT, Black (<i>Juglans nigra</i>)			
700	18 to 24 in.	4 50	40 00
200	2 to 3 ft.	6 00	55 00
900	3 to 4 ft.	9 00	80 00
1900	4 to 5 ft.	12 00	100 00
1400	5 to 6 ft.	15 00	120 00
1200	6 to 8 ft.	18 00	150 00

ONE YEAR FROM CUTTINGS

		Per 100	Per 1000
POPLAR (<i>Populus</i>)			
Carolina and Norway			
100	5 to 6 ft., whips and lightly branched	\$10 00	\$ 90 00
700	6 to 8 ft. " " " "	13 00	110 00
Simoni (Chinese Lombardy)			
300	3 to 4 ft., whips	8 50	75 00
900	4 to 5 ft., "	10 00	90 00
600	5 to 6 ft., "	14 00	120 00
WILLOW (<i>Salix</i>)			
Pussy (discolor)			
450	12 to 18 in.	2 40	20 00
600	18 to 24 in.	4 00	35 00
2500	2 to 3 ft.	5 60	50 00
Wisconsin (blanda)			
450	3 to 4 ft.	7 00	60 00
500	4 to 5 ft.	8 50	75 00



ORNAMENTAL and SHADE TREES

Our Ornamental and Shade Trees are first-class, well-shaped, nursery-grown trees, transplanted and properly spaced to allow ample limb spread.

All calipers are taken 6 inches above the collar.

CATALPA**bungei (Manchurian) 10-12 ft.**

Large tree, heart-shaped leaves. A dwarf, globe-shaped tree.

	Per 10	Per 100
20 1 year heads, 4 to 5 ft. stems.....	\$11 00	\$100 00
300 2 year heads, 4 to 5 ft. stems.....	13 50	125 00
150 2 year heads, 5 to 6 ft. stems.....	16 50	150 00

CRAB, Flowering (Malus)**Hopa (Red Flowering Crab) 20-25 ft. April-May.**

One of the most desirable varieties. An attractive upright-growing tree that becomes literally covered with large, rose-colored flowers. Very hardy and free from disease. Planted extensively.

680 2 to 3 ft., branched.....	4 00	35 00
100 3 to 4 ft., ".....	5 00	45 00
100 4 to 5 ft., ".....	6 50	60 00

niedzwetzkyana (Redvein Crab)

Large deep pink flowers; red bark, leaves and fruit.

50 2 to 3 ft.....	5 00	45 00
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parkmanni 18-20 ft. April-May.

Dwarf with long-stemmed semi-double flowers of deep rose.

30 2 to 3 ft.....	5 00	45 00
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Red Silver. 25-30 ft.

Cut-leaved, maroon red and silver foliage, bright red fruit.

30 2 to 3 ft.....	5 00	45 00
10 4 to 5 ft.....	8 00	-----

MULBERRY (MORUS)**Russian (alba tatarica) 50-60 ft.**

Small light green leaves; greenish-yellow bark. Fruit varies from white to deep violet, very sweet. A very hardy native tree.

	Per 10	Per 100	Per 1000
1250 4 to 5 ft., branched.....	\$ 2 90	\$25 00	\$220 00
1300 5 to 6 ft., ".....	4 00	35 00	300 00
100 6 to 8 ft., ".....	6 50	60 00	-----

POPLAR (POPULUS)**Carolina (Norway variety) 70-80 ft.**

Bright green foliage, spreading crown, very hardy. Extremely rapid growth.

	Per 10	Per 100
150 5 to 6 ft.....	4 00	35 00
100 6 to 8 ft.....	5 50	50 00
100 8 to 10 ft.....	8 00	75 00

Lombardy 50-60 ft.

Rapid, spire-like growth; fine for screens and formal planting.

	Per 10	Per 100	Per 1000
1000 6 to 8 ft.....	4 50	40 00	350 00
3000 8 to 10 ft.....	6 00	55 00	500 00
2000 1¼ to 1½ in.	7 00	65 00	600 00

ORNAMENTAL and SHADE TREES—(Continued)**PRUNUS (PLUM) Tree and bush forms.****cistena (Hansen's Purple-leaved Plum) (Bush Form)**

Rich purplish foliage; reddish-brown branches. Very hardy.

(On plum roots) 4-5 ft.		Per 10	Per 100
80	2 to 3 ft., whips	\$ 5 50	\$ 50 00
(On peach roots) 4-5 ft.			
60	18 to 24 in.	4 50	40 00

Newport (Purple-leaved Plum) (Tree Form) (On peach roots) 15-18 ft.

A large shrub with upright growth; purplish-red foliage. Hardy.

	Per 10	Per 100	Per 1000
110 18 to 24 in.	4 50	40 00	-----
70 5 to 6 ft. (On Plum)	14 00	125 00	-----

Persica (Flowering Peach on peach roots) (Tree form) 15-18 ft.

2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	450 00
4 to 5 ft.	7 50	70 00	650 00
5 to 6 ft.	9 00	85 00	800 00

	2/3'	3/4'	4/5'	5/6'
Cardinal, Double red.	100	400	150	800
Iceberg, Snow-white.	200	400	300	100
Peppermint Stick, Bicolor, red and white.	---	40	120	140
Pink Charming, Double pink.	670	700	700	500

Per 10 Per 100 Per 1000

pissardi veitchi (On peach roots) 15 ft.

Completely covered in early spring with large clusters of double pink blooms similar to flowering cherry. Bronze colored foliage. Very hardy.

70	18 to 24 in.	7 00	65 00	-----
150	3 to 4 ft.	11 00	100 00	-----

tomentosa, Orient Cherry (On plum roots)

An improved variety, producing an abundance of blooms. Self fertile, produces an abundance of fruit. Flesh of fruit is meaty, juicy with a pleasant subacid flavor. Excellent for eating fresh or for Jams and Jelly.

40	4 to 5 ft.	8 00	75 00	-----
250	5 to 6 ft.	10 00	90 00	850 00

triloba (Double Flowering Plum) 8-10 ft.

Known also as the "Rose Tree of China." One of the finest shrubs; completely covered with pink rose-like flowers in April and May.

(On Plum roots)

100	12 to 18 in.	4 00	35 00	-----
500	18 to 24 in.	5 50	50 00	450 00
600	2 to 3 ft.	7 00	65 00	600 00

(On Peach roots)

240	12 to 18 in.	\$ 2 90	\$ 25 00	\$220 00
870	18 to 24 in.	4 50	40 00	350 00
1200	2 to 3 ft.	6 00	55 00	500 00

ORNAMENTAL and SHADE TREES—(Continued)

RED BUD (*Cercis canadensis*) 20-30 ft.

Per 10 Per 100 Per 1000

Produces an abundance of reddish-pink flowers in early Spring; forms a broad head of glossy, heart-shaped leaves that turn pale yellow in Fall.

1700	18 to 24 in.	4 00	35 00	300 00
100	2 to 3 ft.	5 50	50 00	450 00
30	5 to 6 ft.	14 00	125 00	-----
70	6 to 8 ft.	17 50	160 00	-----
100	8 to 10 ft.	20 00	185 00	-----

WILLOW (*Salix*)**babylonica** 40-50 ft.

A large graceful Willow; bright green foliage, long wavy branches.

Per 10 Per 100 Per 1000

700	2 to 3 ft.	\$ 2 40	\$ 20 00	\$180 00
270	3 to 4 ft.	2 90	25 00	220 00
550	4 to 5 ft.	4 00	35 00	300 00
600	5 to 6 ft.	6 50	60 00	550 00

Niobe (*Golden Weeping*) 30-35 ft.

A hardy, graceful weeping tree; light green leaves, golden yellow bark.

50	3 to 4 ft.	2 90	25 00	-----
200	4 to 5 ft.	4 00	35 00	300 00

Pussy (*discolor*) 20-25 ft.

Very popular for its gray catkins in early Spring. Small, narrow leaves.

250	2 to 3 ft.	3 50	30 00	270 00
900	3 to 4 ft.	4 50	40 00	350 00
500	4 to 5 ft.	6 50	60 00	550 00
320	5 to 6 ft.	10 00	90 00	800 00

Wisconsin (*blanda*) 30-40 ft.

The popular green barked weeping willow. The effect of its graceful, drooping branches cannot be matched. Hardy.

80	2 to 3 ft.	2 40	20 00	180 00
170	3 to 4 ft.	2 90	25 00	-----
1000	4 to 5 ft.	4 00	35 00	300 00
1300	5 to 6 ft.	6 50	60 00	550 00

ORNAMENTAL SHRUBS

Our shrubs are bushy and well rooted, twice transplanted; many of them are graded stronger than is required by the American Nurseryman's Association.

The month indicates the average blooming season; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in., and 2/3 ft., 10; 3/4 and 4/5 ft., 5 per bundle.

ABELIA

Per 10 Per 100 Per 1000

Grandiflora

A broadleaved evergreen shrub, glossy green leaves on purplish-red stems. Pinkish white trumpet shaped flowers during the summer. Not hardy in northern areas.

700 12 to 18 in. \$2 90 \$ 25 00 \$-----

ALMOND (AMYGDALUS) (PRUNUS)

Pink Flowering (glandulosa) April-May. 5-6 ft.

A beautiful small shrub, bearing an abundance of small, double, rose-like flowers, closely set upon twigs before the leaves appear.

600 12 to 18 in. 2 90 25 00 200 00
300 2 to 3 ft. 5 00 45 00 -----

ALTHEA (HIBISCUS SYRIACUS) August-September. 10-12 ft.

—Write for Special Prices On Quantity Lots—

Large desirable shrub for group and specimen planting, also used for screens.

12 to 18 in. 1 10 9 00 80 00
18 to 24 in. 1 80 15 00 125 00
2 to 3 ft. 2 40 20 00 175 00
3 to 4 ft. 2 90 25 00 225 00

	12/18"	18/24"	2/3'	3/4'
Anemoneflorus, double bright pink	800	1800	-----	-----
Boule de Feu, double purplish-red	500	4000	2500	2500
Lucy, very double red	600	2100	1000	940
Totus Albus, single white	800	2000	500	500

BARBERRY (BERBERIS)

Red Leaved Japanese (thunbergi atropurpurea)

Warm bronzy-red foliage, intensified in summer and fall. A brilliant accent shrub; a sunny exposure is necessary for color.

50 9 to 12 in. \$ 1 90 \$ 16 00 \$-----
750 12 to 15 in. 2 40 20 00 -----
150 18 to 24 in. 4 00 35 00 -----

thunbergi 4-5 ft.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers, brilliant fall foliage followed by scarlet berries in winter.

350 12 to 15 in. 1 80 15 00 120 00
1400 15 to 18 in. 2 20 19 00 160 00
500 18 to 24 in. 2 50 22 00 200 00
700 2 to 2½ ft. 3 50 30 00 270 00

TRUE HEDGE COLUMNBERRY (thunbergi erecta) Plant Patent No. 110. 4-5 ft.

Need not be pruned; extremely formal in shape, more dense, more upright and more richly foliated than Thunbergi.

	Retail Resale Price				Wholesale Prices Net		
	Each	Per 5	Per 25	Per 100	Per 10	Per 100	Per 1000
300 18 to 24 in.	\$ 90	\$3 50	\$15 00	\$55 00	\$4 50	\$37 00	\$340 00
600 2 to 2½ ft.	1 10	4 25	18 75	70 00	5 50	45 00	420 00

ORNAMENTAL SHRUBS—(Continued)

BUTTERFLY BUSH (BUDDLEIA) Newest Varieties.**Hartwegi, 4-5 ft.** Flowers bright lavender, foliage dark green. Compact.

Per 10 Per 100 Per 1000

100 No. 1\$ 3 20 \$ 28 00 \$-----

WHITE PROFUSION

Patent No. 786

A new dwarf *Buddleia*, growing not over 3 feet tall and about the same in diameter. Forms a green mound literally covered with a hundred or more short-stemmed flower spikes of pure white. Blooms from early August until October. Perfect for perennial border.

Per 10 Per 100 Per 1000

570 Medium. Dormant, field grown plants.\$ 4 00 \$35 00 \$-----

(Retail \$1.00 each, \$8.50 per doz.)

CEPHALANTHUS occidentalis (Button Bush) July. 5-6 ft.

A showy native shrub, particularly desirable in damp soils. Clean glossy foliage and spherical balls of small white flowers.

Per 10 Per 100 Per 1000

100 12 to 18 in.\$ 2 10 \$18 00 \$-----

400 18 to 24 in.2 90 25 00 -----

650 2 to 3 ft.4 00 35 00 -----

CORNUS (DOGWOOD)**alba siberica (Coral Dogwood) April-May. 8-10 ft.**

Stout, erect, bright red branches; white flowers, porcelain-blue berries.

1000 12 to 18 in.2 10 18 00 160 00

150 18 to 24 in.2 90 25 00 -----

Florida (White Flowering Dogwood) July. 12-15 ft.

Large spreading shrub or small tree, produces large single white flowers; red fruit in autumn. Glossy green foliage turns to many shades of red in fall.

200 2 to 3 ft.11 00 100 00 -----

300 3 to 4 ft.14 00 125 00 -----

Florida Rubra (Red Flowering Dogwood) May. 12-15 ft.

Beautiful single, deep pink flowers give this well shaped tree an unusual effect. Blooms in early spring. Thrives in sun or partial shade.

250 2 to 3 ft. Wrapped in moss and burlap22 00 200 00 -----

350 3 to 4 ft. " " " " "35 00 325 00 -----

stolonifera lutea (Gold Twig Dogwood) 6-8 ft.A striking yellow-branched form of *Stolonifera*; of high decorative value.

100 2 to 3 ft.4 00 35 00 -----

CRANBERRY, Highbush (See Viburnum)**CREPE MYRTLE (Lagerstroemis Indica) 15-20 ft.**

The summer blooming shrub of the South. Attractive deep green leaves and masses of crepe-like flowers from July through September.

12 to 18 in.2 10 18 00 150 00

500 Pink 600 White

CYDONIA (CHAENOMELES) (FLOWERING QUINCE)**japonica (Japanese Flowering Quince) March-April 5-6 ft.**

Clusters of orange-scarlet flowers; spicily fragrant rounded fruits. Dark shiny foliage; bushy, dense growth. Cutting grown.

2000 12 to 18 in.\$ 2 40 \$20 00 \$-----

750 18 to 24 in.3 20 28 00 -----

DEUTZIA**Pride of Rochester. May. 8-10 ft.**

A tall, broad-topped bush, double white flowers tinged pink.

100 2 to 3 ft.3 20 28 00 250 00

100 3 to 4 ft.4 50 40 00 -----

ORNAMENTAL SHRUBS—(Continued)

ELDER (SAMBUCUS)

Per 10 Per 100 Per 1000

Golden American (canadensis aurea) June-July. 8-10 ft.

Hardy, rapid-growing shrub; broad, golden-yellow leaves, tiny white blooms.

1500	12 to 18 in.	\$ 2 10	\$ 18 00	\$ -----
500	18 to 24 in.	2 90	25 00	-----

FORSYTHIA (GOLDEN BELL)**fortunei (Fortune Forsythia) April. 6-8 ft.**

A large, upright shrub with slightly drooping branches, golden yellow flowers.

400	18 to 24 in.	2 90	25 00	220 00
250	2 to 3 ft.	4 00	35 00	300 00
100	3 to 4 ft.	5 00	45 00	400 00

intermedia spectabilis (Shohwy Border Forsythia) April. 6-8 ft.

Hardest of all Forsythias. Very profuse bloomer; rich yellow flowers.

200	12 to 18 in.	2 10	18 00	160 00
100	18 to 24 in.	2 90	25 00	220 00
150	2 to 3 ft.	4 00	35 00	300 00

HONEYSUCKLE (LONICERA)**Fragrantissima, Winter Honeysuckle.**

Fragrant flowers followed by red fruit. Semi-hardy.

750	12 to 18 in.	2 10	18 00	160 00
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grandiflora rosea (Bride Honeysuckle) April-May. 12-15 ft.

Rose-pink flowers in abundance, green rounded foliage. Upright growth.

570	12 to 18 in.	2 10	18 00	160 00
400	18 to 24 in.	2 90	25 00	220 00
300	2 to 3 ft.	4 00	35 00	-----
200	3 to 4 ft.	5 00	45 00	400 00

morrowi (Morrow Honeysuckle) May-June. 5-6 ft.

Yellowish-white flowers, followed by red fruit. Broad-spreading growth.

1000	12 to 18 in.	2 10	18 00	160 00
900	18 to 24 in.	2 90	25 00	220 00

Tatarian Pink (tatarica rosea) April-May. 10-12 ft.

The well-known pink-flowering Honeysuckle; hardy vigorous grower; red fruit; popular.

800	12 to 18 in.	2 10	18 00	160 00
1500	18 to 24 in.	2 90	25 00	220 00
500	3 to 4 ft.	5 00	45 00	400 00
1000	4 to 5 ft.	5 50	50 00	450 00

Tatarian Red (tatarica rubra) April-May 10-12 ft.

We offer the improved strain (Zabeli), the true red Honeysuckle. Attractive dark green foliage; a splendid variety.

400	12 to 18 in.	2 10	18 00	160 00
100	18 to 24 in.	2 90	25 00	220 00

Tatarian White (tatarica alba) April-May. 10-12 ft.

White to creamy-white flowers; upright growth. Red berries.

350	12 to 18 in.	2 10	18 00	160 00
50	18 to 24 in.	2 90	25 00	-----
100	2 to 3 ft.	4 00	35 00	-----
450	3 to 4 ft.	5 00	45 00	400 00

HYDRANGEA**arborescens grandiflora (Hills of Snow) June-July. 4-5 ft.**

Large flat heads of double snow-white flowers which remain for four or five weeks; large rounded leaves. Thrives in shaded locations.

1500	12 to 18 in.	2 90	25 00	220 00
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paniculata grandiflora (Peegee Hydrangea) 6-8 ft.

Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.

900	12 to 18 in.	2 90	25 00	220 00
400	18 to 24 in.	4 00	35 00	320 00
3500	2 to 3 ft.	5 50	50 00	450 00

ORNAMENTAL SHRUBS—(Continued)

HYPERICUM aureum (St. John's Wort) July-August. 3-4 ft.

Stiff, dense habit; foliage bluish; flowers golden yellow. Prefers moist soil. Will endure part shade.

		Per 10	Per 100	Per 1000
400	12 to 18 in.	\$ 2 50	\$ 22 00	\$200 00
190	18 to 24 in.	3 50	30 00	-----

KOLKWITZIA amabilis, (Beauty Bush.) 4-6 ft.

A mass of arching sprays of pale pink, tubular flowers. Very hardy.

100	2 to 3 ft.	3 50	30 00	-----
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Common White, (vulgaris alba.) 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

300	12 to 18 in.	2 90	25 00	-----
100	18 to 24 in.	4 50	40 00	-----

Persian Purple (persica) April-May. 8-10 ft.

Slender arching branches, small leaves and lilac flowers.

150	18 to 24 in.	3 50	30 00	-----
700	2 to 3 ft.	4 50	40 00	350 00
500	3 to 4 ft.	5 50	50 00	450 00

rothomagensis (chinensis) April-May. 8-10 ft.

Upright, vigorous growth, slender branches; reddish-lilac flowers in broad panicles. Free-flowering and hardy.

		Per 10	Per 100	Per 1000
300	18 to 24 in.	\$ 3 50	\$ 30 00	\$-----
900	2 to 3 ft.	4 50	40 00	350 00
600	3 to 4 ft.	5 50	50 00	450 00

French. Named varieties. April-May. 8-15 ft.

		Per 10	Per 100	Per 1000
12 to 18 in.		\$4 00	\$35 00	-----
18 to 24 in.		5 50	50 00	-----
2 to 3 ft.		7 00	65 00	-----

	d-Double	s-Single	12/18"	18/24"	2/3'
Belle de Nancy, d, rose, white center.			---	30	140
Chas. X, s, reddish purple.			---	100	30
Congo, s, dark wine-red.			---	150	50
Hugo Koster, s, lilac tinged red.			40	20	---
Jean Mace, d, bluish-mauve.			40	190	10
Jules Simon, d, dark purplish blue.			---	40	---
Ludwig Spaeth, s, dark purple.			---	90	50
Marc. Micheli, d, lavender-blue.			---	---	20
Michell Buchner, d, pale lilac.			---	40	---
Mme. Casimir Perier, d, white.			---	20	50
Rhum Von Horstenstein, s, reddish purple.			---	20	---

PHILADELPHUS (MOCK ORANGE, SYRINGA)

Per 10 Per 100 Per 1000

coronarius (Sweet Mock Orange) May-June. 8-10 ft.

The old-fashioned sweet-scented Mock Orange; free-flowering and vigorous.

800	12 to 18 in.	\$ 1 90	\$ 16 00	\$140 00
200	18 to 24 in.	2 60	22 00	200 00

ORNAMENTAL SHRUBS—(Continued)

PHILADELPHUS (MOCK ORANGE, SYRINGA) (Continued)

	Per 10	Per 100	Per 1000
grandiflorus (Scentless Mock Orange) May-June. 10-12 ft.			
Large scentless white flowers in clusters; branches somewhat straggling.			
700 12 to 18 in.	\$ 1 90	\$ 16 00	\$140 00
100 18 to 24 in.	2 60	22 00	200 00
Virginal. May-June. 7-8 ft.			
Semi-double, fragrant white flowers, much larger than any other variety. Blooms intermittently all summer.			
40 12 to 18 in.	3 50	30 00	270 00
250 18 to 24 in.	4 50	40 00	350 00

PHYSOCARPUS (NINEBARK)

opulifolius (Common Ninebark) May-June. 8-10 ft.

A fine massing shrub; dark green foliage, creamy white flowers followed by attractive reddish seed pods. Does well in partial shade.

340 12 to 18 in.	2 10	18 00	160 00
420 18 to 24 in.	2 90	25 00	220 00
220 2 to 3 ft.	4 00	35 00	-----
60 3 to 4 ft.	5 00	45 00	-----

opulifolius aureus (Goldleaf Ninebark) May-June. 8-10 ft.

Wide spreading growth, but formal outline. Foliage, bright yellow changing to golden brown in summer. White flowers, red seed pods.

400 12 to 18 in.	2 10	18 00	-----
250 18 to 24 in.	3 20	28 00	-----
40 2 to 3 ft.	4 00	35 00	-----
100 3 to 4 ft.	5 00	45 00	-----
60 4 to 5 ft.	6 00	55 00	-----

opulifolius nana (Dwarf Ninebark) May-June. 4-5 ft.

A valuable, hardy, low-growing shrub. Dwarf form, dense growth. White flowers followed by small red seed pods.

3000 12 to 18 in.	2 10	18 00	140 00
1800 18 to 24 in.	2 90	25 00	200 00
50 2 to 3 ft.	4 00	35 00	300 00
130 3 to 4 ft.	5 00	45 00	-----

PRIVET (LIGUSTRUM)

Amur River North (amurense) June. 8-12 ft.

Vigorous, upright growth; white flowers followed by black berries. Hardy.

	Per 100	Per 1000
18000 12 to 18 in., 3 canes and up.	\$ 8 00	\$ 70 00
4000 3 to 4 ft., 4 " " " "	16 00	140 00

California (ovalifolium) June-July. 8-12 ft.

5000 18 to 24 in., 3 canes and up.	8 00	75 00
1000 2 to 3 ft., 2 and 3 canes and up.	8 00	90 00

ibolium (Hardy California) June-July. 6-8 ft.

Very similar to, but much hardier than California Privet, not as evergreen.

1800 2 to 3 ft., 4 canes and up.	9 00	80 00
400 3 to 4 ft.	12 00	100 00

PRUNUS, Ornamental Plums. (See Deciduous Trees)

RHUS (SUMAC)

Per 10 Per 100 Per 1000

Cut Leaf (typhina laciniata) 8-10 ft.

Finely dissected leaves that turn a brilliant red in Fall. Very ornamental.

2800 12 to 18 in.	2 10	18 00	160 00
1100 18 to 24 in.	3 00	25 00	220 00
1950 2 to 3 ft.	4 00	35 00	300 00

ORNAMENTAL SHRUBS—(Continued)

RHUS (SUMAC) (Continued)

Smooth (glabra) 6-10 ft. Per 10 Per 100 Per 1000

Dwarf habit; rich Autumn coloring; red seeds in clusters.

150 12 to 18 in.-----\$ 1 70 \$ 14 00 \$-----

Staghorn (typhina) June-July. 12-20 ft.

Flowers green, borne in dense terminal panicles; red berries and foliage in Autumn. Thrives in poor, rocky soil.

1400 12 to 18 in.-----1 90 16 00 -----

1300 18 to 24 in.-----2 50 22 00 200 00

1900 2 to 3 ft.-----3 20 28 00 250 00

150 3 to 4 ft.-----4 50 40 00 -----

SNOWBALL (See Viburnum)**SPIREA**

Anthony Waterer. June-September. 3-3½ ft.

Very dwarf; free-flowering. Produces flat rose-red flower heads.

150 9 to 12 in.-----2 10 18 00 -----

80 12 to 15 in.-----2 90 25 00 -----

arguta (Garland) April-May. 5-6 ft.

Small, fern-like foliage; slender branches; minute pure white flowers.

300 12 to 18 in.-----2 10 18 00 160 00

600 18 to 24 in.-----2 90 25 00 220 00

550 2 to 3 ft.-----4 00 35 00 300 00

billiardi Pink. July-September. 5-6 ft.

Strong growth. Dull green foliage, dense panicles of lilac-pink flowers.

4000 9 to 12 in.-----1 20 10 00 80 00

6400 12 to 18 in.-----1 60 14 00 125 00

4200 18 to 24 in.-----2 40 20 00 175 00

4600 2 to 3 ft.-----3 20 28 00 250 00

bumalda superba. 3-5 ft.

Dwarf growth, vigorous and very hardy; large flat heads of rose-pink flowers.

300 12 to 18 in.-----2 10 18 00 160 00

310 18 to 24 in.-----2 90 25 00 220 00

froebeli (Froebel) May-June. 3-4 ft.

Per 10 Per 100 Per 1000

Dwarf growth, vigorous and very hardy; large flat heads of rose-pink flowers.

Foliage turns brilliant red in Autumn.

450 2 to 2½ ft.-----\$ 3 50 \$ 30 00 \$270 00

thunbergi (Thunberg Spirea) April. 3-4 ft.

Light green foliage; pure white flowers. Resembles Arguta but branches are arched; the plant is more dwarf. Foliage turns to orange-red in Autumn.

70 12 to 18 in.-----2 10 18 00 -----

500 18 to 24 in.-----2 90 25 00 220 00

500 2 to 2½ ft.-----3 50 30 00 270 00

vanhoutte April-May. 5-6 ft.

A most desirable shrub for hedges, base planting and mass planting; gracefully arching branches; fragrant white flowers in clusters.

800 12 to 18 in.-----1 40 12 00 100 00

700 18 to 24 in.-----1 90 16 00 140 00

500 2 to 3 ft.-----2 50 22 00 200 00

SYMPHORICARPOS (SNOWBERRY)

chenaulti (Improved Coralberry) June-July. 4-5 ft.

Small white fruit with red dots; a hybrid originating in the Arnold Arboretum.

1200 12 to 18 in.-----1 90 16 00 140 00

1700 18 to 24 in.-----2 50 22 00 200 00

360 2 to 3 ft.-----3 50 30 00 270 00

40 3 to 4 ft.-----4 50 40 00 -----

racemosus (Common White Snowberry) June-July. 3-5 ft.

A fine general-purpose shrub; adapted to shady locations; maintains a good green foliage. Pink flowers, white berries.

30 12 to 18 in.-----1 70 14 00 -----

650 18 to 24 in.-----2 10 18 00 160 00

200 2 to 3 ft.-----2 90 25 00 220 00

ORNAMENTAL SHRUBS—(Continued)

SYMPHORICARPOS (SNOWBERRY)—Continued

Per 10 Per 100 Per 1000

vulgaris (Indian Currant; Coralberry) June-July. 4-6 ft.

A hardy native shrub; pink flowers, purplish-red berries in bunches.

3800	12 to 18 in.	\$ 1 70	\$ 14 00	\$120 00
2600	18 to 24 in.	2 10	18 00	160 00
6000	2 to 3 ft.	2 90	25 00	220 00
40	3 to 4 ft.	4 00	35 00	-----

TAMARIX

12 to 18 in.	1 60	14 00	125 00
18 to 24 in.	2 40	20 00	175 00
2 to 3 ft.	3 10	27 00	225 00
3 to 4 ft.	4 00	35 00	300 00
	12/18"	18/24"	2/3' 3/4'
africana. May. 10-12 ft. Slender spreading branches, reddish-brown bark, pink flowers.	500	2300	4500 400
amurensis (Amur Tamarix) August-September. 8-10 ft. Purple branches, graceful foliage. Thrives in dry soil	350	600	500 100
hispida (Kashgar Tamarix) August-September. 12-15 ft. Slow, compact, upright growth; long panicles of bright pink flowers.	400	600	200 180
tetrandra purpurea. May-June. 10-12 ft. Vigorous growth, bright green foliage, pink flowers. Very hardy.	1200	2000	3000 200

VIBURNUM

Per 10 Per 100 Per 1000

dentatum (Arrowwood) May. 10-12 ft.

A splendid massing shrub, beautiful glossy green foliage, greenish-white flowers; bluish-black berries. Withstands considerable shade.

20	12 to 18 in.	\$ 2 10	\$ 18 00	\$-----
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opulus sterilis (Common Snowball) April-May. 10-12 ft.

Well known and justly popular. Flowers appear in numerous compact balls.

500	9 to 12 in.	2 10	18 00	-----
350	12 to 18 in.	3 20	28 00	-----

VITEX macrophylla (Big-leaved Chaste Tree) July to frost. 5-6 ft.

Semi-dwarf flowers lavender-blue. Hardy.

250	12 to 18 in.	2 60	22 00	-----
300	18 to 24 in.	3 20	28 00	-----
560	2 to 3 ft.	4 00	35 00	320 00
380	3 to 4 ft.	5 00	45 00	-----

WEIGELA (DIERVILLA)

Eva Rathke (Red Flowering Weigela) May-June. 4-5 ft.

Attractive foliage clear ruby-red trumpet-shaped flowers over long season.

1300	12 to 18 in.	3 20	28 00	250 00
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rosea (Pink Weigela) May-June. 6-8 ft.

Erect, compact growth; fine rose-colored flowers. Used extensively.

1900	12 to 18 in.	2 10	18 00	160 00
380	18 to 24 in.	2 90	25 00	220 00
300	2 to 3 ft.	4 00	35 00	300 00
400	3 to 4 ft.	5 00	45 00	400 00

Hendersoni. May-June. 6-8 ft.

One of the hardier varieties of Weigela. A splendid shrub; produces quantities of light crimson flowers.

850	12 to 18 in.	2 10	18 00	160 00
50	2 to 3 ft.	4 00	35 00	-----

Variegated (Variegated-leaf Weigela) May-June. 4-5 ft.

Dwarf, leaves margined creamy white; flowers pink. One of the most useful variegated shrubs.

400	12 to 18 in.	2 60	22 00	-----
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CLIMBING VINES

Tied, 2 year Medium, 25; 2 year No. 1, 10; 3 year, 5 per bundle.

AMPELOPSIS

		Per 10	Per 100	Per 1000
engelmanni (Engelmann Creeper) 30-40 ft.				
Self-clinging woodbine. Very hardy. Dark green five-lobed leaves turning brilliant crimson in Fall. Blue-black fruit.				
1200	2 year, Medium	\$ 2 40	\$ 20 00	\$180 00
300	2 " No. 1	2 90	25 00	220 00

BIGNONIA

radicans (Trumpet Creeper) July-August. 20-30 ft.				
A robust, woody fern-leaf vine; twining tightly with numerous roots along its stems; trumpet-shaped orange-scarlet flowers in clusters.				
5000	2 year, Medium	2 40	20 00	180 00
1500	2 " No. 1	2 90	25 00	220 00

HONEYSUCKLE (LONICERA)

Gold Flame. May until Frost. 15-20 ft.				
Flowers flame-coral, inside clear yellow, produced in clusters.				
1000	2 year, Medium	3 70	32 00	280 00
Scarlet Trumpet (Sempervirens) May-August. 10-25 ft.				
A half-climbing shrub; dark green foliage, orange-scarlet tubular flowers.				
2500	2 year, Medium	2 40	20 00	180 00
1500	2 " No. 1	2 90	25 00	220 00
Summer King (Heckrotti) May until Frost. 15-20 ft.				
Large fragrant flame-red trumpets lined with gold and rose are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest-free.				
2000	2 year, Medium	3 70	32 00	280 00
Chinese Blue (sinensis) May. 30-40 ft.				
Long, attractive drooping clusters of pea-shaped flowers.				
200	2 year, Medium	2 40	20 00	180 00
Chinese White (sinensis alba) May. 30-40 ft.				
White form of above.				
500	2 year, Medium	2 40	20 00	180 00
Multijuga Pink, Japanese Wisteria. May. 40-50 ft.				
Beautiful pink flowers in long clusters.				
40	2 year, Medium Grafts	3 50	30 00	-----
Multijuga White, Japanese White Wisteria. May. 30-40 ft.				
Pure white flowers in long clusters. Vigorous, rampant grower.				
50	2 year, No. 1 Grafts	4 50	40 00	-----

HEDGING

Lighter grade than regular shrub grade; strong hedging grade.

		Per 100	Per 1000
BUCKTHORN CATHARTICA, Rhamnus cathartica			
2400	6 to 12 in.	\$ 3 00	\$ 25 00
1200	12 to 18 in.	4 00	35 00
400	2 to 3 ft., 2 year	7 50	65 00
100	3 to 4 ft., " "	9 00	80 00
CARAGANA arborescens (Siberian Pea Tree)			
1250	6 to 12 in.	2 40	20 00
1200	12 to 18 in.	3 20	28 00
MULBERRY (MORUS) Russian, tatarica			
3000	6 to 12 in.	1 20	10 00
500	3 to 4 ft.	5 60	50 00
PRIVET See Ornamental Shrubs.			
RUSSIAN OLIVE (Elaeagnus angustifolia)			
100	6 to 12 in.	2 10	18 00
2000	12 to 18 in.	3 20	28 00
300	18 to 24 in.	4 50	40 00
1400	2 to 3 ft.	6 50	60 00

NOTE. HONEYSUCKLE Heckrotti makes a novel and attractive hedge when planted in rows and kept sheared; blooms all summer. See Climbing Vines for further description and prices.

EVERGREENS

(Balled and Burlaped)

Our Evergreens are all grown at good distance for symmetrical development, are top pruned into handsome, shapely trees that will transplant successfully if given average care.

Evergreens that are selected and marked by customers in the Nursery will carry 20 percent additional charge above the following listed price.

All evergreens sold with the distinct understanding that if they arrive in good condition and are accepted, our responsibility ceases.

Customers desiring the tops of Evergreens wrapped in burlap will be charged at cost for the extra labor and burlap used.

ABIES (FIR)

douglasi (Douglas) (Pseudotsuga douglasi) 70-80 ft. Per 10 Per 100

Bluish-green foliage. One of our most important Evergreen trees. Stands crowding well, considerable shade, and responds to trimming.

4 to 5 ft.....	\$60 00	\$550 00
5 to 6 ft.....	80 00	750 00

VARIETIES OF JUNIPER CHINENSIS

JUNIPERUS (JUNIPER)

chinensis (Chinese) 15-20 ft.

Sharp, prickly needles, light green with a slightly bluish cast. Will thrive anywhere except in heavy rich or poorly drained soil.

	Per 10	Per 100
2 to 2½ ft.....	\$25 00	\$225 00
2½ to 3 ft.....	32 50	300 00
3 to 3½ ft.....	40 00	375 00
3½ to 4 ft.....	47 50	450 00
4 to 5 ft.....	60 00	575 00

chinensis pfitzeriana (Pfitzer Juniper) 6-8 ft. spread. Per 10 Per 100

Dark gray-green foliage; graceful low, irregular spreading form. Remarkably adaptable to various conditions and soils. Very hardy.

SOLD OUT

chinensis pfitzeriana Kallay's Compacta (Compact Pfitzer Juniper)

Slower-growing and more compact than the common Pfitzer Juniper.

SOLD OUT

chinensis pyramidalis glauca (Blue Columnar Juniper) 15-20 ft.

Attractive glaucous blue color; sharp prickly leaves. Does well in hot dry locations, is also immune to severe cold.

2½ to 3 ft.....	\$37 50	\$350 00
3 to 3½ ft.....	42 50	400 00
4 to 5 ft.....	60 00	575 00
5 to 6 ft.....	75 00	700 00

chinensis pyramidalis Green (Green Columnar Juniper) 15-20 ft.

The description of the blue form applies also to the green. However, the color is bright green with some foliage variations.

2½ to 3 ft.....	37 50	350 00
3 to 3½ ft.....	42 50	400 00
3½ to 4 ft.....	50 00	475 00
4 to 5 ft.....	60 00	575 00
5 to 6 ft.....	75 00	700 00

EVERGREENS—(Continued)

VARIETIES OF MISCELLANEOUS JUNIPERS

VARIETIES OF JUNIPER VIRGINIANA

virginiana keteleeri. 15-18 ft.

Per 10 Per 100

Medium-sized pyramidal tree of light green color, does not turn brown in winter. A fine disease-resistant, hardy variety.

2½ to 3 ft.-----	\$47 50	\$450 00
3 to 3½ ft.-----	55 00	525 00
3½ to 4 ft.-----	62 50	600 00
4 to 4½ ft.-----	70 00	675 00
4½ to 5 ft.-----	80 00	775 00
5 to 6 ft.-----	90 00	875 00

PICEA (SPRUCE)**excelsa (Norway Spruce) 60-70 ft.**

A lofty, noble tree of open, pyramidal habit, dark green foliage.

2 to 3 ft.-----	19 50	175 00
3 to 4 ft.-----	30 00	275 00
4 to 5 ft.-----	40 00	375 00
5 to 6 ft.-----	45 00	425 00

glauca densata (Black Hill Spruce) 40-50 ft.

Usually symmetrical, compact and bushy; foliage varies from green to blue-green. Retains its branches close to the ground even in old trees. One of the hardiest Spruces.

2½ to 3 ft.-----	27 50	250 00
3 to 3½ ft.-----	32 50	300 00
3½ to 4 ft.-----	37 50	350 00
4 to 5 ft.-----	47 50	450 00
5 to 6 ft.-----	57 50	550 00

pungens, (Colorado Green Spruce) 60-80 ft.

Symmetrical upright habit. Light green, sometimes silvery foliage. Popular hardy tree. Succeeds in dry climates.

2 to 2½ ft.-----	27 50	250 00
2½ to 3 ft.-----	32 50	300 00
3 to 3½ ft.-----	40 00	375 00
3½ to 4 ft.-----	47 50	450 00

pungens glauca, (Colorado Blue Spruce) 60-80 ft.

Select Seedling type. Foliage ranging from blue to silvery white. Very popular for lawn planting.

2 to 2½ ft.-----	50 00	450 00
2½ to 3 ft.-----	65 00	600 00
3 to 3½ ft.-----	80 00	750 00
3½ to 4 ft.-----	90 00	850 00

ROSES

All our roses are grown by men who have had long years of experience in growing roses. The land on which they are grown is carefully selected for its ability to produce a very fibrous root system and strong vigorous tops.

The buds are placed low on the understock thus eliminating "shanky" bushes and are nipped at just the right time to produce the maximum number of low branched canes.

Throughout the growing season they are fertilized regularly. After every rain or once per week, whichever would be most frequent, they are thoroughly dusted.

By following this pattern we are able to hold the foliage on our roses throughout the summer. Consequently they continue to grow through the summer, storing up food for winter storage.

They are dug only when thoroughly dormant and are transferred directly to iced cars for shipment to Shenandoah where they are carefully graded and placed in our modern cold storage until you request shipment.

OUR ROSES ARE GUARANTEED TO PLEASE.

All roses are tied No. 1 and No. 1½, 10 per bundle No. 2, 25 per bundle. We do not break bundles.

BABY ROSES—Dwarf Polyantha and Floribunda

	Per 10	Per 100	Per 1000
No. 1	\$ 5 50	\$ 50 00	\$-----
No. 1½	4 50	40 00	-----
No. 2	2 90	25 00	-----
	No. 1	No. 1½	No. 2
Cameo, shell pink and salmon with a glow of gold; blooms continuously.	---	50	---
Ellen Poulsen, splendid bright rose-pink flowers of large size.	100	---	70
Else Poulsen, lasting bright rose-pink flowers; semi-double.	---	50	170
Gruss an Aachen, large light flesh-pink and salmon-yellow.	---	---	200
Ideal, dark scarlet in immense compact clusters.	---	50	40
Lafayette Improved, large flowers of bright cherry crimson.	100	150	150

CLIMBERS AND RAMBLERS

American Pillar, large single flowers of crimson-pink. Large white center in tremendous clusters; hardy.	Per 10	Per 100	Per 1000
250 No. 1	\$ 4 50	\$ 40 00	\$-----
150 No. 1½	3 50	30 00	-----

RUGOSA, HYBRIDS AND MISCELLANEOUS

Belle Poitevine, very large, magenta-pink flowers.			
260 2 to 3 ft.	5 00	45 00	400 00
150 18 to 24 in.	4 00	35 00	300 00
300 12 to 18 in.	2 90	25 00	220 00
Harrison's Yellow, semi-double bright yellow; early.			
50 12 to 18 in.	4 50	40 00	-----
Hugonis, early blooming shrub rose; pale yellow; hardy.			
1000 2 to 3 ft.	5 50	50 00	450 00
500 18 to 24 in.	4 50	40 00	350 00
Rugosa Rubra, large single flowers of various shades of pink magenta, and rosy crimson, blooms early.			
190 12 to 18 in.	2 90	25 00	-----
Sir Thos. Lipton, snowy white flower freely produced.			
120 2 to 3 ft.	6 50	60 00	-----

PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are **FOR SALE AT RETAIL ONLY**, at or above prices specified. 10 to 20 per variety at 10 rate; 20 to 250 per variety at 100 rate; 250 or more per variety at 1000 rate where published—**PRICES ARE NET.**

HYBRID TEA

Per 10 Per 100 Per 1000

Capistrano, Patent Applied For. (Retails \$2.50 each; \$25.00 per doz.) Rich shade of deep glowing rose pink, in the bud as well as in the open flower. It retains its brilliant color throughout the life of the flower without fading. Produces large buds and flowers, on extra long, strong, heavy stems. Blooms have a rich, heavy, lasting fragrance. A.A.R.S. Award for 1950.

No. 1 \$13 50 \$125 00 \$-----

Charlotte Armstrong, Patent No. 455. (Retails \$1.50 each; \$15.00 per doz.) Brilliant blood-red buds on long slender stems opening to magnificent spectrum-red in cool weather, cerise in hot weather. A.A.R.S. award for 1941.

No. 1½ 7 20 60 00 -----

Countess Vandal, Patent No. 38. (Retails \$1.35 each; \$13.50 per doz.) Long pointed bud, upright stems. Color combination can hardly be described, pink, copper, gold and salmon.

No. 1 7 50 65 00 -----

Crimson Glory, Patent No. 105. (Retails \$1.35 each; \$13.50 per doz.) Most popular of all the crimson roses. Flowers very large deep crimson with perfect form and fine fragrance.

No. 1 7 50 65 00 550 00

No. 1½ 6 00 52 00 440 00

Diamond Jubilee, Patent No. 824. (Retails \$2.00 each; \$20.00 per doz.) Double high-centered flowers of glowing buff-orange, with a touch of orange-yellow at base of petals. A.A.R.S. award for 1948.

No. 1½ 8 80 80 00 -----

Forty-Niner, Patent No. 792. (Retails \$2.00 each; \$20.00 per doz.) Brilliantly hued bi-color that justly secured an A.A.R.S. AWARD FOR 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid Orient-Red while the outside is a Chrome-Yellow, changing to Straw-Yellow. Colors are lasting and bright. The long bud opens to a well-shaped bloom of 25 to 40 petals, mildly fragrant.

No. 1½ 8 80 80 00 -----

Mandalay, Patent No. 775. (Retails \$2.00 each; \$20.00 per doz.) Long pointed, golden yellow bud; flower opens slowly and perfectly retaining its potent golden yellow; delicate fragrance. Large high centered blooms on long stems, largest yellow rose. Very free blooming. Disease resistant.

No. 1½ 8 80 80 00 680 00

PATENTED ROSES—(Continued)

Per 10 Per 100 Per 1000

Mission Bells, Patent Applied For. (Retailers \$2.50 each; \$25.00 per doz.) Deep glowing salmon, which opens to a clear shrimp pink color. Vigorous, heavily branched plants are abundantly clothed with disease resistant coppery green foliage. The buds are pointed and open to high centered flowers which often measure 5½ inches across. A.A.R.S. award for 1950.

No. 1 \$13 50 \$125 00 \$.....

New Yorker, Patent No. 823. (Retailers \$2.00 each; \$20.00 per doz.) Perfectly formed buds; brilliant unfading red blooms, often measuring 5½ in. across. Delightful almost raspberry fragrance. Plants are very vigorous, hardy, and disease resistant. One of America's very best red roses.

No. 1½ 8 80 80 00 680 00

Peace, Patent No. 591. (Retailers \$2.00 each; \$20.00 per doz.) This rose is almost unbelievable. One marvel of it is the dawn-like range of colors through which it passes, from opening yellow buds, with edges picoté cerise, to the glorious 5 inch, alabaster blooms, each petal edged with pink that seems to deepen as the flower slowly opens. The shades of color vary, also from flower to flower and through the changing seasons. We find this one of the largest of all Hybrid Tea roses with fine rich green foliage and strong healthy canes. This rose has everything a tea rose could possibly have. A.A.R.S. award for 1946.

No. 1 11 00 100 00

No. 1½ 8 80 80 00 680 00

Sunset Glory, Patent No. 738. (Retailers \$1.50 each; \$15.00 per doz.) Buds are yellow suffused with pink opening to a golden yellow overlaid with dusty rose-pink. Flowers are very full and many petaled, 4 to 5 in. across. An improved McGredy's Sunset.

No. 1 9 00 75 00 650 00

No. 1½ 7 20 60 00 520 00

Taffeta, Patent No. 716. (Retailers \$1.50 each; \$15.00 per doz.) Rich carmine-Rose in the bud, changing to Begonia-Rose in open flower. Reverse of petals is yellow. Medium to large buds are perfectly formed with edges of the petals often frilled. They open to form double flowers with 21 well textured petals. A.A.R.S. award for 1948.

No. 1 9 00 75 00

No. 1½ 7 20 60 00 520 00

Tallyho, Patent No. 828. (Retailers \$2.00 each; \$20.00 per doz.) A bright color but the contrast is not great. The color on the inside of the petals is a varying but always a delightful and unique shade of pink. The outside of the petals is a rich Crimson. The buds, before they unfold, are deep Cardinal-Red. The long-stemmed blooms open slowly and last exceedingly well because they have such heavy substance. They are very large when fully open, of perfect form and with spicy fragrance. A.A.R.S. award for 1949.

No. 1 11 00 100 00 850 00

PATENTED ROSES—Continued**PATENTED CLIMBERS**

Cl. Crimson Glory, Patent No. 7236. (Retail \$2.00 each; \$20.00 per doz.) Climbing form of the outstanding hybrids teas, producing an abundance of perfectly formed crimson colored blooms.

	Per 10	Per 100	Per 1000
No. 1	\$11 00	\$100 00	\$-----
No. 1½	8 80	80 00	680 00

Cl. Peace, Plant Patent Pending (Retail \$2.00 each.) Climbing form of the famous bush Hybrid Tea

No. 1	11 00	100 00	-----
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PATENTED FLORIBUNDA

Fashion, Patent No. 789. (Retail \$2.00 each; \$20.00 per doz.) Brilliant luminous coral flowers overlaid with gold, opening with wavy graceful petals. All season bloom, large clusters and singly. A.A.R.S. award for 1950.

	Per 10	Per 100	Per 1000
No. 1	11 00	100 00	-----
No. 1½	9 00	80 00	-----

Pink Bountiful, Patent No. 601. (Retail \$1.25 each; \$12.50 per doz.) Bud short-pointed, begonia-rose. Flowers small, double (50-60 petals), open, nutty fragrance, rosolane-pink; strong stem.

No. 1½	5 50	48 00	-----
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Summer Snow, Patent No. 416. (Retail \$1.25 each; \$12.50 per doz.) Low broad plants, splendid for foreground plantings in rose beds. Large clusters of buff-cream buds opening to clear white blooms 3½ inches across.

No. 1½	5 60	52 00	-----
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All of our roses are stored in our new cold storage, one of the most modern and best of its kind in the country. Temperature and humidity being automatically controlled.

HARDY PERENNIAL PLANTS

Our assortment of Hardy Perennials, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer Field Grown, clean, well-rooted individual plants that are vigorous and free from disease.

Our perennials are properly packed with fresh, clean packing material in well ventilated boxes.

All perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root. Starred varieties (*) especially suited for rock-garden.

ACHILLEA, Milfoil or Yarrom	Per 10	Per 100
Ptarmica, The Pearl. Large double white. 18 in. June-July..	\$ 1 20	\$ 10 00

AQUILEGIA, Columbine. May-June.		
Pink and Rose Shades, long spurred flowers. 2 ft.	1 20	10 00

CAMPANULA, Bellflower		
medium (Single canterburybells), large bell-shaped flowers.		
Blue and Rose, separate colors. June. 2 ft.	1 40	12 00

GARDEN CHRYSANTHEMUMS

Orders for Spring delivery will be filled with 1 year field grown dormant plants or well-furnished heavily rooted 2½ inch pot plants.

STANDARD AND KOREAN VARIETIES

	Per 10	Per 100
Algonquin , a very hardy variety, with healthy foliage. Pure. bright yellow flowers; large and double. Early	\$ 1 80	\$ 15 00
Avalanche . Large well formed double white flowers in great quantities. A beautiful white chrysanthemum. 2½ to 3 ft. Late Sept.	1 80	15 00
Dahlia Flower , low growing branchy plants covered with bloom of a deep wine red.	1 80	15 00
Dean Kay Pink . Produces a great abundance of excellent rose-pink flowers in a profuse mass. Perfectly hardy. Grows 2 to 2½ ft.	1 80	15 00
Emmett , a very free-flowering single rosy-bronze; another splendid early variety. September 10th. 24 in.	1 40	12 00
Lorelei , a very good double, early yellow; large blooms produced on tall, strong plants. September 10th. 2 ft.	1 40	12 00
Pohatcong , a conservative pleasing shade of lavender-rose. Double flowers on dwarf, compact plants.	1 40	12 00

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS

	Per 10	Per 100
Allegro . Double blooms of glowing shrimp-pink with coppery salmon sheen. Early Oct. 22 inches.	\$ 1 80	\$ 15 00
Betty . An excellent upright rose-pink without a trace of magenta. One of the finest new pinks. Late September. 28 inches.	2 10	18 00

PERENNIALS—(Continued)**CHRYSANTHEMUMS—(Continued)**

	Per 10	Per 100
Charm Spoon Blooms open to a lovely rhodonite-red and gradually fades to a rich dusty rose. Excellent habit of growth. Late September. 26 inches.	\$ 2 10	\$ 18 00
Chris Columbus. Double. New outstanding ivory-white. A luxuriant grower, excellent for cutting. Late September. 26 inches.	2 10	18 00
Generalissimo. A very rugged, fully double flower of soft magnolia-purple. Early September.	2 90	25 00
Gold. Flowers are large, very double golden bronze. Fine for cutting. Late September. 22 inches.	2 10	18 00
Gold Pagent. Masses of 3 inch double flowers of Gold with a darker shimmering sheen. Orange buds create a contrasting mass of harmonious beauty. Blooms early—September 25th.	2 10	18 00
Golden Memories. Brilliant golden yellow button in sprays with new buds in abundance. Start opening from August throughout the entire season. Large massive plant 28 inches across.	2 10	18 00
Little Eskimo. Pure white ball shaped flowers 1½ inches in diameter. A very profuse bloomer. Does not fade. Late August. 18 inches.	1 80	15 00
Pink Surprise. Great mass of giant double 4½ inch brilliant pink blooms. Best early pink—September 15th. A leader in its color.	2 10	18 00
September Dawn. Beautiful deep pink perfectly formed blooms. The large perfectly formed flowers are from 3 to 3½ inches in diameter. Double. The best of the pinks.	2 10	18 00
Sunbeam. A very fine golden yellow. Responds well when disbudded. Fine for cut flowers.	2 10	18 00

UNIVERSITY OF MINNESOTA INTRODUCTIONS

Glacier. Pure glistening white, full double flowers. Plants are covered solidly with blooms. Fine for borders. Late August. 16 inches.	2 10	18 00
Red Gold. Double. Blooms are a lively combination of red and golden orange. Probably the gaudiest of all Pom-Poms. Late August. 20 in.	2 10	18 00

UNIVERSITY OF CHICAGO INTRODUCTIONS

	Per 10	Per 100
Autumnsong. Large double blooms of wine rose shading to carmine. An entirely new color in mums. One of the most outstanding Chicago introductions. Early September. 20 inches.	2 10	18 00
Charles Nye. Large, 3 inch fully double, rich buttercup-yellow flowers produced in clusters. Excellent for cutting. Late September. 28 inches.	2 10	18 00

PERENNIALS—(Continued)

UNIVERSITY OF CHICAGO INTRODUCTIONS—(Continued)

	Per 10	Per 100
Courageous. Large bright dark ruby-red double flowers 3½ inches in diameter. A strong, upright plant with healthy green foliage. Late September. -----	\$ 2 10	\$ 18 00
Early Harvest. Produces a mass of charming double mahogany-orange flowers for two months. A superior cushion type plant. Early September. 16 inches. -----	2 10	18 00
Glowing Coals. Double blooms of deep cherry-red with orange reverse. Well branched plants. One of the best early reds. Mid September. 24 inches. -----	2 10	18 00
Heatherbloom. Heather-pink with center shaded rose-red with gold tipping. Very double. An outstanding variety. Late September. 20 inches. -----	2 10	18 00
Meditation. Full, double blooms 3 inches in diameter. Firm two-toned flowers of light jasper-red and maize-yellow with orange reverse. When mature the flowers are a clear bright reddish peach. An excellent cut flower. The 1948 "Mum of the Year." Early October. 30 inches. ----	2 90	25 00
Olive Longland. Blooms are double apricot-toned salmon-pink, 3 inches in diameter. The best of the Chicago pastels. Erect growth. Late September. 24-30 inches. ----	2 10	18 00
Pepita. Button Pom-Pom, densely quilled. Egg-shell-white with darker center. Changing to pure white with cream center. Late September. 22 inches. -----	2 10	18 00
Violet. The newest University of Minnesota purple introduction. Full double, dahlia like blooms of good color cover entire plant. Late August. 20 inches. -----	2 10	18 00

NEW HARDY ENGLISH CHRYSANTHEMUMS

Indiana. Double blooms of rich velvety crimson shaded darker at the center borne on long stems. Good disbudded or in sprays. Late September. 24 inches. -----	2 40	20 00
Leda. Large heliotrope pink beautifully rolled petals. Double flowers 4 to 5 inches in diameter are produced when disbudded to a dozen or so to the plant. Excellent for early cut flowers. Strong stems. Early September. 30 inches. -----	2 40	20 00
Rose Princess. A very striking flower of salmon-rose, base flushed with gold. Double blooms on strong stiff stems. Late September. 24 inches. -----	2 40	20 00
Vulcan. Large brilliant crimson well shaped flowers are produced profusely. The best of the English reds. Mid September. 26 inches. -----	2 40	20 00

CUSHION CHRYSANTHEMUMS

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

	Per 10	Per 100
Purple Cushion. A brilliant royal purple. A new very showy cushion type mum. -----	2 10	18 00

HARDY CARNATION—See *Dianthus Grenadin Caryophyllus*

COREOPSIS, Tickseed

Mayfield Giant, large yellow flowers on firm, strong stems...	1 20	10 00
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PERENNIALS—(Continued)

DAISY SHASTA, Chrysanthemum Maximum	Per 10	Per 100
Elder Improved, large white, usually in bloom for Decoration		
Day. 2 ft.	\$ 1 20	\$ 10 00

DELPHINIUM, Larkspur

La Martine, dark indigo-blue flowers. Blooms profusely and continuously all summer; is not subject to disease. 4-5 ft.	1 20	10 00
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***DIANTHUS**

barbatus, Old-Fashioned Sweet Williams. May-June.

atrococcineus flore pleno, deep intense scarlet; double-flowering. Blooms all summer. 12 in.	1 20	10 00
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Species:

latifolius Silver Mine, white flowers. Prolific bloomer. 8 to 10 in.	1 40	12 00
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DIANTHUS GRENADIN CARYOPHYLLUS**(HARDY CARNATION)**

Per 10 Per 100

This is the hardiest of all outdoor carnations. Very fragrant, full double producing large flowers on long stems. The finest of all varieties.

Scarlet—Rich Scarlet. Extra Large Flowering.	1 80	15 00
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White.	1 80	15 00
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DIELYTRA, (DICENTRA) Bleeding Heart

Per 10 Per 100 Per 1000

***eximia, Fern-leaved Bleeding Heart. A hardy worthy variety for rock-garden planting, borders and many other locations. Rose pink flowers in showy racemes all summer. 15 in.**

\$ 2 10 \$ 18 00 \$160 00

***FUNKIA, plaintain Lily**

lancifolia, green foliage, lilac flowers. July-Aug. 18 in.

1 80 15 00 130 00

***variegata, green and white foliage, blue flowers. July. 12 in.**

2 10 18 00 160 00

GAILLARDIA, Blanket Flower. June until frost.

Burgundy, rich wine-red; excellent for cutting. 1½-2 ft.

1 40 12 00 100 00

Dazzler, large golden and maroon flowers, strong stems. 1½ ft.

1 40 12 00 100 00

Sunset, large flowers are pure yellow with red center

1 40 12 00 100 00

GYPSOPHILA, Baby's Breath

Per 10 Per 100

paniculata compacta, a symmetrical mass of minute white flowers during August and September. 2 ft.

1 20 10 00

HEMEROCALLIS, Day Lily

Bay State. Fine large blooms with fluted petals of clear yellow. Perfectly formed flowers. A heavy and persistent bloomer. July and August. 36 inches.

1 80 15 00

Dawn. A new English introduction. A very good and unusual variety. Blooms are rose-buff in color and over 5 inches across. July and August. 38 inches.

3 50 30 00

PERENNIALS—(Continued)

HEMEROCALLIS, DAY LILY—(Continued)

	Per 10	Per 100
<i>flava</i> , clear lemon yellow, sweet scented, profuse. June. 2½ ft. -----	\$ 1 40	\$ 12 00
<i>Florham</i> , large trumpet-shaped golden yellow flowers. June. -----	1 80	15 00
<i>Hyperion</i> . Exceptionally large blooms, seven inches, of a soft canary yellow. Fine form and substance. Very fragrant. Considered by many the finest <i>Hemerocallis</i> ever introduced. June-July. 3½ feet. -----	4 00	35 00
<i>Kwanso Fl. Pl.</i> , a double-flowering variety; rich golden bronze. July-August. 4 ft. -----	1 80	15 00
<i>Margaret Perry</i> , brilliant coppery crimson flowers with clear yellow base. A vigorous tall grower. 5-6 ft. -----	1 80	15 00
<i>Mrs. H. Wyman</i> perfect, well rounded flowers of pure gold. July-August. 4 ft. -----	1 80	15 00
<i>Thunbergi</i> much like <i>flava</i> but flowers one month later. July. 2½ ft. -----	1 20	10 00
*HIBISCUS, Rose Mallow		
<i>Giant Flowering Mixed</i> . August-September. 4-5 ft. -----	1 40	12 00
HOLLYHOCKS, Althea Rosea		
<i>Double Separate Colors, Blood Red, Lilac Beauty, Newport Pink, White, and Yellow</i> . July. 4 ft. -----	1 40	12 00
LATHYRUS, Everlasting Sweet Pea		
<i>latifolius</i> , a lovely trailing plant that blooms all summer. Pink, Red and White, separate colors. 3 ft. -----	1 40	12 00
*LINUM, Flax		
<i>perenne</i> , bright blue flowers, upright growth. -----	1 20	10 00
MYOSOTIS, Forget-me-not		
<i>*Palustris Semperflorens</i> , rich blue flower, yellow eye. Blooms all summer. 8 in. -----	1 20•	10 00

PHLOX—Paniculata

All varieties of Phlox offered are Field Grown; they have been twice transplanted are vigorous and well developed.

	Per 10	Per 100
<i>Annie Laurie</i> . Rich, deep salmon. Large trusses. Grows to a height of about three feet. -----	\$ 2 10	\$ 18 00
<i>Graff Zepplin</i> . Ivory white flowers with vermillion red eyes. Of average height. Free flowering. -----	2 10	18 00
<i>Harvest Fire</i> , large, salmon-orange trusses made up of large florets. -----	2 10	18 00
<i>Jules Sandeau</i> , rather dwarf in habit, but producing very large heads of brilliant watermelon pink blossoms. -----	1 80	15 00
<i>Moonlight Dream</i> . Large rich creamy white trusses. Medium grower. -----	2 40	20 00
<i>Orange Beauty</i> . One of the newest, and the best orange we have ever seen. Brilliant clear orange with large flowers. Good grower. -----	2 40	20 00
<i>Ruby Lee</i> . Extra large plum-red flowers. Medium height. -----	2 40	20 00
<i>Salmon Glow</i> . Beautiful, large flame pink flowers with salmon flush. -----	2 10	18 00
<i>Thor</i> , deep salmon-pink, overlaid with a scarlet glow; small red eye. Not new but still one of the best. Very free-flowering. -----	1 80	15 00

PERENNIALS—(Continued)

	Per 10	Per 100	Per 1000
PHLOX, subulata, Moss or Mountain Pinks			
alba , pure white flowers cover the plant in May.	\$ 1 40	\$ 12 00	\$-----
atropurpurea , the best red subulata Phlox; deep carmine red, darker eye. May-June. 4 in.	1 40	12 00	-----
Emerald Cushion . A new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping phlox.	2 10	18 00	-----
Samson , rose-pink; darker eye. Blooms again in the Fall.	1 40	12 00	-----
PLATYCODON, Balloon Flower. June and July. 18 in.			
grandiflorum , blue.	1 40	12 00	-----
PYRETHRUM, Painted Daisy. May-June. 18 in.			
atrosanguinea , deep rose-red, single flowers.	1 40	12 00	100 00
hybridum roseum , soft pink and rose shades, single... ..	1 40	12 00	100 00
SALVIA (Sage)			
Edible, especially valuable for seasoning. 2 ft.	1 20	10 00	-----
*SEDUM, Stonecrop		Per 10	Per 100
Acre, (Golden Moss) green foliage, yellow flowers. July. 4 in.		1 40	12 00
Spectabilis Brilliant , light green foliage, broad heads of rich rose-red flowers. August-September. 15 in.		1 40	12 00
VERONICA, Speedwell			
Amethystina, (Royal Blue) . Beautiful spikes of rich gen- tion blue flowers in June and July. 10 to 15 inches. Ex- cellent for rock garden or border.		1 80	15 00

LILIUM, Domestic Grown

regale , flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow extending part way up the trumpet. June-July. 3-5 ft.		90	7 00
4 to 6 in.			
tenuifolium (Carol L) Narrow-leaved; deep scarlet waxen recurved flowers. June. 15 in.		1 00	8 00
2 to 3 in.			
tigrinum , the well-known old-fashioned lily; bright orange, thickly covered with purple spots.		1 40	12 00
Single 4 to 6 in.			

LILY-OF-THE-VALLEY (*Convallaria majalis*)

Very fragrant pure white, bell-shaped flowers for shaded
locations.

Pips	40	3 50
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PEONIES—BY COLOR

	Per 10	Per 100	Per 1000
Pink, unnamed	\$ 3 00	\$ 25 00	\$-----
Red, unnamed	3 00	25 00	-----

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30x30x5	-----	3.75	20x20x5	-----	3.00
30x30x4	-----	3.25	18x18x10	-----	4.25
24x24x10	-----	5.25	16x16x10	-----	3.50
24x24x8	-----	4.75	12x12x10	-----	3.00

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